



EMI noise analysis optimize

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HH Chen, DD Ling - Proceedings of the 34th annual conference on Design ..., 1997 - doi.ieeecomputersociety.org

... provide signal integrity, and reduce EMI radiated noise ... tive to accurately estimate and optimize the use ... applications of the chip-level noise analysis, we have ...

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Interconnect and circuit modeling techniques for full-chip powersupply noise analysis - group of 2 »

HH Chen, JS Neely - Components, Packaging, and Manufacturing Technology, Part B: ..., 1998 - ieeexplore.ieee.org

... signal integrity, and reduce electromag- netic interference (EMI). II. ... of full-chip power supply noise analysis is to ... and help designers to optimize the sizes ...

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Conducted EMI analysis of a boost PFC circuit

W Zhang, MT Zhang, FC Lee, J Roudet, E Clavel - Applied Power Electronics Conference and Exposition, 1997. ..., 1997 - ieeexplore.ieee.org

... n order to optimize EMC performance ... analysis approach, a 40-W ac/dc boost rectifier is studied ... A more thorough solution of the minimum EMI noise is to suppress ...

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Minimizing chip-level simultaneous switching noise for high-performance microprocessor design - group of 2 »

HH Chen - Circuits and Systems, 1996. ISCAS'96. 'Connecting the World' ..., 1996 - ieeexplore.ieee.org

... provide signal integrity, and reduce EMI radiated noise. ... Another major concern during switching noise analysis is the ... to contain the amount of noise, then we ...

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An EMI-noise analysis on LSI design with impedance estimation - group of 3 »

K Shimazaki, S Hirano, H Tsujikawa - Quality Electronic Design, 2002. Proceedings. International ..., 2002 - ieeexplore.ieee.org

... chip size is needed for EMI-noise optimization of LSIs. ... VLSI chip designer can optimize

the microchip ... level simulation method for EMI noise analysis that fits ...

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Thermal and EMI Modeling and Analysis of a Boost PFC Circuit Designed Using a Genetic-based ...

EM Hertz - 2001 - scholar.lib.vt.edu

... Total Noise Envelope for Several Values of ... an Optimization Tool to Manage Thermal and EMI Analysis magnetic interference (EMI) levels ...

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